NEGATIVE ACTIVE MATERIAL FOR RECHARGEABLE LITHIUM BATTERY AND METHOD OF PREPARING THE SAME

ABSTRACT OF THE DISCLOSURE

The present invention relates to a negative active material for a rechargeable lithium battery and a method of preparing the same, said negative active material comprising crystalline carbon having a dispersed element serving as graphitization catalyst therein. Said negative active material for a rechargeable lithium battery is prepared by the steps of adding an element serving as a graphitization catalyst to a carbon precursor; coking the mixture by heat-treating at 300 to 600°C. carbonizing the cokes; and graphitizing the carbide at 2800 to 3000°C.

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